

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	DURWARD-ROBERT.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/20 14:30
S1	17	thruster with pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/20 14:30
S2	1	("4738598").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/19 12:31
S3	214	(417/320).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:52
S4	649	(417/410.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:56
S5	0	("L1L2pig").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/21 16:56
S6	0	S3 S4 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 16:56
S7	217	S3 or S4 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 16:57
S8	3	S4 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 16:58
S9	0	S3 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 16:58
S10	109	(137/237).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/26 07:47
S11	11	("20020040657" "20020178965" "3585423" "3768417" "3770995" "4437799" "5270593" "5868077" "6044770" "6450103").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 17:05
S12	0	S11 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 17:06
S13	57	thruster pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 17:07

## EAST Search History

S14	14	thruster near pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/21 17:07
S15	70	("0712486"   "0712487"   "0712488"   "0712901"   "0879822"   "1281756"   "1801294"   "1913365"   "20020095736"   "2887118"   "3056155"   "3089434"   "3379027"   "3402777"   "3467196"   "3495546"   "3525401"   "3729057"   "3763896"   "3827487"   "4073302"   "4360290"   "4585061"   "4729429"   "4756510"   "4852391"   "4919204"   "4941773"   "5069285"   "5180009"   "5188174"   "5208936"   "5209304"   "5309990"   "5309993"   "5316094"   "5355950"   "5429194"   "5445224"   "5447200"   "5494103"   "5497807"   "5566764"   "5692563"   "5695009"   "5704393"   "5992250"   "6250387"   "6260617"   "6315498"   "6343657").PN. OR ("6651744").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/21 17:08
S16	44	("3495546").URPN.	USPAT	AND	ON	2006/12/21 17:13
S17	57	thruster pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 07:48
S18	14	thruster near pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 07:52
S19	11	("20020040657" "20020178965" "3 585423" "3768417" "3770995" "443 7799" "5270593" "5868077" "60447 70" "6450103").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 07:53
S20	17	thruster with pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 13:12
S21	1	S20 magnet	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 13:06
S22	10	S20 coil	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 13:07

## EAST Search History

S23	1	S20 magne\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/12/26 13:07
S24	46	("0712486"   "0712487"   "0712488"   "0712901"   "0879822"   "1281756"   "1801294"   "2887118"   "3056155"   "3089434"   "3379027"   "3402777"   "3467196"   "3729057"   "3827487"   "4585061"   "4729429"   "4852391"   "4941773"   "5188174"   "5309990"   "5309993"   "5316094"   "5355950"   "5429194"   "5447200"   "5494103"   "5566764"   "5692563"   "5695009"   "5704393").PN. OR ("6260617"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/26 13:15
S25	0	("2005/0283927").URPN.	USPAT	AND	ON	2006/12/26 13:20
S26	11	("20020040657" "20020178965" "3 585423" "3768417" "3770995" "443 7799" "5270593" "5868077" "60447 70" "6450103").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:40
S27	0	S26 thruster pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:40
S28	0	S26 thruster	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:40
S29	0	S26 pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:41
S30	0	Durward-Robert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:41
S31	381	Durward.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:41
S32	0	Robert-Durward.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/20 15:41
S33	215	(417/320).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/12 23:30

## EAST Search History

S34	668	(417/410.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/12 23:30
S35	669	(417/410.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/13 22:29
S36	540	fluid velocity pipeline electromagnetic motor	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 11:39
S37	30	fluid velocity pipeline (electromagnetic with motor)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 10:28
S38	63902	("417").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/09/19 11:39
S39	190244	pig	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 11:39
S40	53	S38 S39	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 11:39
S41	57	("1803683"   "1833778"   "2341359"   "2714855"   "2838006"   "3090316"   "3410217"   "3427989"   "3897822"   "3941511"   "4251191"   "4417858").PN. OR ("4596516").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 11:56
S42	1584	bank adj teller	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 19:14
S43	259	S42 and air	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 19:15
S45	5	S43 and (multiple with (carrier or container))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 19:16
S46	1584	bank adj teller	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 21:10
S47	259	S46 and air	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 21:10

## EAST Search History

S48	102	S47 and tube	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/09/19 23:13
S49	109	(137/237).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/19 23:14